

ABSTRAK

Ella Nur Laila. **PENGARUH PENERAPAN MODEL PEMBELAJARAN *DISCOVERY LEARNING* DISERTAI MEDIA *AUGMENTED REALITY* (ECO-AR 1-3) TERHADAP PENGUATAN ASPEK PENGETAHUAN DALAM LITERASI LINGKUNGAN.** Skripsi, Surakarta: Fakultas Keguruan dan Ilmu Pendidikan Universitas Sebelas Maret Surakarta, Agustus 2018.

Penelitian ini bertujuan untuk mengetahui adanya pengaruh penerapan model pembelajaran *discovery learning* disertai media *augmented reality* (ECO AR 1-3) terhadap penguatan aspek pengetahuan dalam literasi lingkungan.

Penelitian merupakan penelitian kausal komparatif atau *ex post facto* dengan pendekatan kuantitatif. Sampel penelitian yang digunakan yaitu kelas X MIPA 2 SMA Negeri 2 Sragen sebanyak 32 siswa. Pengambilan sampel penelitian menggunakan teknik *cluster random sampling*. Desain penelitian menggunakan *post only group design*. Teknik pengumpulan data menggunakan teknik tes dan non tes. Teknik analisis data secara kuantitatif dan kualitatif menggunakan uji-t tidak berpasangan dengan bantuan program SPSS 16.

Hasil penelitian uji hipotesis menggunakan uji *independent samples t-test* pada tes pengetahuan menunjukkan nilai signifikansi < 0.05 sehingga H_0 ditolak dan H_1 diterima. Berdasarkan hasil penelitian dapat disimpulkan bahwa penerapan model pembelajaran *discovery learning* disertai media *augmented reality* (ECO-AR 1-3) berpengaruh terhadap penguatan aspek pengetahuan dalam literasi lingkungan.

Kata kunci : *discovery learning model*, media *augmented reality* (ECO-AR 1-3), aspek pengetahuan, literasi lingkungan.

ABSTRACT

Ella Nur Laila. K4314027. THE INFLUENCE OF DISCOVERY LEARNING MODEL COMBINED AUGMENTED REALITY (ECO-AR 1-3) MEDIA IMPLEMENTATION TO REINFORCE KNOWLEDGE ASPECT OF ENVIRONMENTAL LITERACY. Thesis, Surakarta: Teacher Training and Education Faculty of Sebelas Maret University Surakarta. August 2018

The research aims to know the influence of discovery learning model combined augmented reality (eco-ar 1-3) media implementation to reinforce knowledge aspect of environmental literacy.

This research is included in comparative causal or ex post facto with quantitative approach. The sample used is a class X of Mathematics and Science 2 SMA N 2 Sragen totaling 32 students. Sample was taken using cluster random sampling technique. Research design using post-test only group design. Data was collected use test and non-test techniques. The data analysis technique in quantitative and qualitative. The data were analysed by non-paired samples t-Test with SPSS 16 program.

The result of this research are hypothesis test used was non paired samples t-Test in knowledge aspect show the significance value < 0.05 so that H_0 is rejected and H_1 is accepted. Based on the research it can be concluded that discovery model combined augmented reality (eco-ar 1-3) influence to reinforce knowledge aspect in environmental literacy.

Key Word : discovery learning model, augmented reality (ECO-AR 1-3), knowledge aspect, environmental literacy